EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	189	quench$3 with spray same manifold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 14:02
S1	205185	nozzle.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/16 12:22
S2	366582	tangent$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/16 12:22
S3	5049	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/16 12:22
S4	1896	S1 and S2	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 12:23
S5	2727	quench$3 with ring	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 16:45
S6	100	S5 and "48".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 16:45
S7	9	("3729298" | "3741136").PN. OR ("4046541").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:09
S8	294	("0058055" | "0290559" | "1328485" | "1404652" | "1415656" | "1422916" | "1755624" | "1810814" | "1907976" | "20070283907" | "20080011247" | "20080223349" | "2068421" | "2277294" | "2420599" | "2546155" | "2656307" | "2810631" | "2818326" | "2896927" | "2971830" | "3097081" | "3148962" | "3164644" | "3173411" | "3232728" | "3238027" | "3239999" | "3315005" | "3364982" | "3414632" | "3524630" | "3545903" | "3546851" | "3568611" | "3593968" | "3607156" | "3607157" | "3673080" | "3687646" | "3847564" | "3850416" | "3890111" | "3945942" | "3971652" | "3979188" | "3988123" | "4004647" | "4013427" | "4020812" | "4021366" | "4035133" | "4054424" | "4071329" | "4073627" | "4078903" | "4087497" | "4094290" | "4097679" | "4119411" | "4121543" | "4126427" | "4129422" | "4131439" | "4136556" | "4142417" | "4161510" | "4163436" | "4177042" | "4192654" | "4195978" | "4202672" | "4218423" | "4220469" | "4268289" | "4272255" | "4279622" | "4289647" | "4300913" | "4326856" | "4328006" | "4328007" | "4328008" | "4331450" | "4338099" | "4338101" |	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:43

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S10	707	S8 or S9	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:43
S11	76	S10 and tangent$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:43
S12	6052	(tangent$5) same3 (slag$5 or molten)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:46
S13	29	S12 and S10	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/16 17:46
S14	597	239/558.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 09:46

S15	27	S14 and tangent$6	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 09:48
S16	28	("3322347" | "3787189" | "4223843" | "4322384" | "4343825" | "4595145" | "4634598" | "4822534" | "4824679" | "5190775" | "5204029" | "5230913" | "5285968" | "5297739" | "5362425").PN. OR ("5577668").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 09:54
S17	25	("3322347").URPN.	USPAT	ADJ	ON	2010/06/17 09:56
S18	25	("3322347" | "4223843" | "4343825" | "4595145" | "4634598" | "4822534" | "4824679" | "5190775" | "5204029" | "5230913" | "5285968" | "5297739" | "5362425").PN. OR ("5525367").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 09:59
S19	28	("2798030" | "2898290" | "3119632" | "3163449" | "3433733" | "3466021" | "3632304" | "3848811" | "3867103" | "3912460" | "3974091" | "4035153").PN. OR ("4223843").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 10:01
S20	24	swirl$4 and S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 10:03
S21	2	S14 and gaslf$8	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 10:14
S22	1	S14 and stagnant	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 10:31
S23	3	S14 and stagn$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 10:32
S24	375	239/468.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 15:23
S25	61	S24 and (loop or ring)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 15:58
S26	1218	239/461,463,468,469,470,471.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 16:08
S27	3470	239/548,550,557,558,559,556.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 16:09
S28	43	S26 and S27	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 16:09
S29	409	239/463.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 16:25
S30	20	(S26 or S27) and spray ring	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/17 16:28
S31	1218	239/461,463,468,470,471.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 13:38
S32	3470	239/548,550,557,558,559,556.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 13:38
S33	4645	S31 or S32	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 13:38
S34	597	239/558.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 13:38
S35	597	S34 and S33	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 13:39
S36	409	239/463.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 14:06

S37	633	239/550.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/19 14:21
S38	0	B05B01/14.ipc.	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:37
S39	71	B05B1/14.ipc.	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:37
S40	833	B05B001/14.ipc.	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:37
S41	762	S40 not S39	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:37
S42	0	S39 not S40	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:37
S43	23	S40 and (ring or loop)	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:39
S44	11	S40 and (gasif$8 or slag or molten or pyrol$8)	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:42
S45	227	spray ring	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 14:52
S46	1054	quench$4 with spray	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 15:42
S47	109	S46 and (gasif$8 or slag$3 or molten or pyrol$8)	EPO; JPO; DERWENT	ADJ	ON	2010/06/19 15:43
S48	2	("3551532").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/19 16:06
S49	15	("3551532").URPN.	USPAT	ADJ	ON	2010/06/19 16:07
S50	105	239/469.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/19 17:35
S51	62	239/470.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/19 17:39
S52	51	239/474.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/20 07:47
S53	707	B05B001/34.ipc.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/20 07:50
S54	651	B05B001/34.ipc.	EPO; JPO; DERWENT	ADJ	ON	2010/06/20 07:50
S55	17	S54 and (ring or loop or hoop)	EPO; JPO; DERWENT	ADJ	ON	2010/06/20 07:51
S56	1112	spray ring not "239".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 07:55
S57	1024	spray ring not "239".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 07:55
S58	534	S57 and (gasif$8 or slag$3 or pyrol$8 or cool$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 07:56

S59	103	S57 and (gasif$8 or slag$3 or pyrol$8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 07:56
S60	1	("4294432").PN. OR ("RE32220").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/20 08:29
S61	19	("1662811" | "2333439" | "3026102" | "3588070" | "3599949" | "3603572" | "3626672" | "3655361" | "3988421" | "4040819" | "4057421").PN. OR ("4294432").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/20 08:29
S62	2	("4294432").PN. OR ("4386763").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/20 08:30
S63	2	("2791549").URPN.	USPAT	ADJ	ON	2010/06/20 08:37
S64	36	flange$3 near3 nozzle with corro$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 10:07
S65	33	flange$3 near3 nozzle near3 (replac$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 10:12
S66	33	flange$3 near3 nozzle near3 (replac$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 11:23
S67	183	flange$3 near3 nozzle near3 thread$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 11:24
S68	2	flange$3 near3 nozzle near3 thread$3 with corro$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 11:24
S69	2	flange$3 near3 nozzle near3 thread$3 with replac$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 11:26
S70	73	replac$5 adj2 nozzle with flange	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/20 11:28